

LIST OF TABLE

Table 1. 1 Implementation Schedule.....	4
Table 2. 1 Related Research.....	7
Table 3. 1 Arduino Specification	19
Table 3. 2 Sharp IR GP2Y0A02YK0F	20
Table 3. 3 APM 2.8 Specification.....	21
Table 3. 4 Linguistik Input Table.....	24
Table 3. 5 Linguistik output table	27
Table 4. 1 left sensor distance testing	34
Table 4. 2 Back sensor distance testing	35
Table 4. 3 Right sensor distance testing.....	35
Table 4. 4 Front sensor distance testing.....	35
Table 4. 5 Front sensor dekat	38
Table 4. 6 Front sensor lumayan	39
Table 4. 7 Front sensor jauh.....	41
Table 4. 8 Right Sensor dekat	43
Table 4. 9 Right Sensor lumayan	44
Table 4. 10 Right sensor jauh.....	46
Table 4. 11 Left sensor dekat	47
Table 4. 12 Left sensor lumayan	49
Table 4. 13 Left sensor jauh.....	50
Table 4. 14 Back sensor dekat.....	52
Table 4. 15 Back sensor lumayan	53
Table 4. 16 Back sensor jauh	55
Table 4. 17 First case obstacle	57
Table 4. 18 Second Case Obstacle	58